



DISCIPLINE FILE

1. Program data

1.1.	"CAROL DAVILA" UNIVERSITY OF MEDICINE AND PHARMACY	
1.2.	Faculty	MEDICINE
1.3.	DEPARTAMENT:	5 CLINIC – INTERNAL MEDICINE, CARDIOLOGY, GASTROENTEROLOGY, HEPATOLOGY, RHEUMATOLOGY, GERIATRICS, FAMILY MEDICINE, OCCUPATIONAL MEDICINE
1.4.	DISCIPLINE:	<i>Gastroenterology</i>
1.5.	STUDY FIELD :	HEALTH -REGULATED BY SECTOR WITHIN THE EUROPEAN UNION
1.6.	STUDY CYCLE:	LICENCE
1.7.	STUDY PROGRAM	MEDICINE

1. 1. Data about the discipline

2.1.	Name of the discipline: GASTROENTEROLOGY AND HEPATOLOGY Location of the discipline:				
2.2.	Code of Discipline: DS IV 3M				
2.3.	Type of discipline (DF/DS/DC): DS				
2.4.	Discipline regime (DOB/DOP/DFA): DOB				
2.5.	Course activities holder:				
2.6.	Clinical internship holders:				
2.7. Year of study	IV	2.8. Semester	VII / VIII	2.9. Evaluation type	Written exam and practical exam

2. Total estimated time (hours/semester of teaching activity)

I. University training (teaching, practical application, evaluation)						
3.1. No. of hours per week	25 h	of which:	3.2. lecture	10 h	3.3. seminar/ laborator	15 h
3.4. Total hours in the curriculum	115 h	of which:	3.5. lecture	46 h	3.6. seminar/ laborator	69 h
Evaluation (no. hours):						
II. Self preparation/study						
Time allocation						hours
Study of course materials, textbooks, books, study of the recommended minimal bibliography						20
Additional research in the library, research through the internet						10
Performing specific activities for preparing projects, laboratories, elaborating reviews or other tasks						10
Specific preparation activities for projects, laboratory work, assignments, and reports						10
Tutoring						10
Other activities						5
3.7. Total individual study hours						65
3.9. Total hours per semester (3.4.+ 3.7.)				180		
3.10. Number of credits				5		

4. Preconditions (where applicable)

4.1. of curriculum	Fundamentals of anatomy, physiology and pathophysiology of the digestive system
4.2. of competences	Clinical examination of the patient

5. Conditions (where applicable)

5.1. to conduct the lecture	PowerPoint presentations, use of multimedia systems, and projector	•
5.2. to conduct the seminar / laboratory	Equipped with the necessary apparatus for conducting practical activities	

6. Learning outcomes

Knowledge	Skills	Responsibility and autonomy
clinical manifestations and diagnostic methods of the most important digestive diseases	Taking a complete medical history	to work in a team with other students and doctors
formulating the etiological and functional diagnosis of digestive diseases	Examination of the patient	to communicate with the patient, to show empathy
positive and differential diagnostic elements	Interpretation of the results of biological, imaging and endoscopic investigations	to respect the rules of professional conduct and ethics
complications of digestive disorders	Clinical case presentation based on clinical examination and paraclinical data	to have a decent dress and polite behavior
principles of treatment of digestive disorders		
prognosis of digestive diseases		

7. Discipline objectives (based on the grid of specific competencies acquired)

7.1. The overall objective	• To establish the correct diagnosis of digestive diseases • To apply a management plan for the patient with digestive
-----------------------------------	---

	pathology
7.2. Specific objectives	Perform a complete clinical examination of the digestive system Interpret the results of ascites fluid, abdominal ultrasound, upper and lower digestive endoscopy

8. Contents

8.1. Lecture	Teaching methods	Observations
1. Gastric ulcer and duodenal ulcer	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
2. Gastroesophageal reflux disease and other esophageal inflammatory conditions.	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
3. Esophageal motor pathology.	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
4. Functional digestive disorders (definition, classification, functional dyspepsia, irritable bowel syndrome)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
5. Acute pancreatitis	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
6. Chronic pancreatitis	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
7. Chronic diarrhea. Chronic constipation	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
8. Acute gastritis. Chronic gastritis	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
9. Stomach tumors. Gastric cancer	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
10. Malabsorption and maldigestion syndromes	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
11. Alcoholic liver disease and metabolic liver diseases.	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
12. Small intestine disorders (gluten enteropathy, short bowel syndrome)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
13. Chronic inflammatory bowel diseases (ulcerative colitis, Crohn's disease)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
14. Colorectal tumors	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
15. Chronic viral hepatitis	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
16. Autoimmune liver diseases (autoimmune hepatitis, primary biliary cholangitis, primary sclerosing cholangitis)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
17. Jaundice.	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
18. Gallstones	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
19. Liver cirrhosis – etiology, diagnosis, complications	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
20. Decompensated cirrhosis (portal hypertension, SBP, hepatorenal syndrome)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
21. Decompensated cirrhosis (hepatic encephalopathy, hepatopulmonary syndrome hepatocellular carcinoma)	Free presentation and electronic support	Discussions on specific aspects of the course

22. Digestive bleeding (generalities, classification, upper and lower digestive bleeding)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature
23. Other tumors of the digestive system (esophagus, pancreas)	Free presentation and electronic support	Discussions on specific aspects of the course, interactive nature

References

1. BOLILE DIGESTIVE Curs universitar – (Prof. Univ. dr. Carmen Fierfinteanu-Braticevici) – Ed. Universitara “Carol Davila” Bucuresti 2018
2. Medicina Clinica - Kumar&Clark, Ediția în engleză și română (Ediția a 10-a)
3. GASTROENTEROLOGIE SI HEPATOLOGIE CLINICA – VOL. I SI VOL II. ISBN: 9789733909422, Editura: Medicala, 2023
4. Yamada's Handbook of Gastroenterology Fourth Edition, 2020
5. Harrison's Gastroenterology and Hepatology 3th edition, 2016;
6. Current Diagnosis & Treatment Gastroenterology, Hepatology & Endoscopy (LANGE), 3th edition 2016

8.2. Laboratory/ practical lesson	Teaching methods	Observations
SC 1 drawing up the Observation Sheet	At the patient's bedside: drawing up the observation sheet	History, clinical examination
SC 2 Diagnostic and therapeutic paracentesis	At the patient's bedside or in the ultrasound laboratory (for echo-guided ones) the participation of students in performing diagnostic and therapeutic paracentesis	Discussion on indications for paracentesis, interpretation of results
SC 3 - 4 Upper and lower digestive endoscopy	Endoscopy Laboratory of the Gastroenterology Department: students assist in performing these endoscopic maneuvers, in an organized manner, with scheduling and compliance with asepsis norms	Live demonstrations and images
SC 5 - 6. Standard abdominal ultrasound	Ultrasound Laboratory of the Gastroenterology Department: students assist in performing this imaging maneuver	captured/interpretation
SC 7 - 8 Radiological investigations with contrast agents of the digestive tract (CT, MRI of the abdomen)	Lecture room and student demonstrations (SUUB discipline)	Live demonstrations and images
SC 9 -23. Patient examination, discussions regarding clinical diagnosis, specific necessary investigations and an individualized therapy plan	Presentation of radiological films for the digestive tract	captured/interpretation

9. Evaluation

Activity type	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Percentage in the final grade
9.4. Lecture	Evaluation of the theoretical concepts presented in the module	Multiple choice exam	80%

9.5. Seminary/ practical activity	Patient history and clinical examination	Clinical exam in the presence of the group assistant	10%
	Capacity to interpret biological and paraclinical investigations	Clinical case presentation in front of the group assistant	10%
9.6. Minimum performance standard: A passing grade requires passing both the written and practical exams; The student must obtain >50% of the maximum score of the final written assessment.			

Date of completion :

17.09.2025

**Date of approval by the
Department Council:**

.....

Signature of the V-thDepartment Director

100%



100%

